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<p>Substitute for Form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/717,855</td> </tr> <tr> <td>Filing Date</td> <td>November 19, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Teruhiko NAWATA et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1765</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td colspan="2">Attorney Docket Number</td> </tr> </table>		Application Number	10/717,855	Filing Date	November 19, 2003	First Named Inventor	Teruhiko NAWATA et al.	Group Art Unit	1765	Examiner Name	Not Yet Assigned	Attorney Docket Number	
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Sheet	1	of	2	1217/032260													

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
<i>Yn</i>		JP (1999)	11-021197	A	Canon Inc	26.01.1999	English Abstract attached
<i>Yn</i>		JP (1999)	11 130594	A	Canon Inc	18.05.1999	English Abstract attached
<i>Yn</i>		EPO	0 939 147	A2	Nikon Corp	01.09.1999	
<i>Yn</i>			WO 02/083998	A1	Coming Inc	24.10.2002	

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				Group Art Unit	1765
				Examiner Name	Not Yet Assigned
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Mr		K. NASSAU, "Application of the Czochralski Method to Divalent Metal Fluorides", Journal of Applied Physics, Vol. 32, No. 10, (1961), pp. 1820-1821, Bell Telephone Laboratories, Inc., Murray Hill, New Jersey, U.S.A.	
Mr		SHINICHIRO TOZAWA, ET AL., "Modification of Optical Material CaF <sub>2</sub> ", report of technical research by Institute for Material Research of Tohoku University, No. 19 (2001) Japan, (partial English translation attached)	
Mr		J. M. KO, ET AL., "Czochralski growth of UV-grade CaF <sub>2</sub> single crystals using ZnF <sub>2</sub> additive as scavenger", Journal of Crystal Growth 222 (2001), pp. 243-248, North-Holland Publishing Co., Amsterdam, NL	

Examiner Signature	Mr. - gen Komaya	Date Considered	3/20/05
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